

CRF Errors Corrected by the STIC System Branch

Serial Number: 09/368,989

CRF Processing Date: 7/16/2003  
 Edited by: ASG  
 Verified by: ASG (STIC staff)

**ENTERED**

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 JUL 18 2003  
 TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading, and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☒ Other: corrected amino acid numbering - seqs. 1-5

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#130

1600

## RAW SEQUENCE LISTING

DATE: 07/16/2003

PATENT APPLICATION: US/09/368,989

TIME: 07:54:51

Input Set : N:\AMC\368,989 Sequence Diskette in ANSI.txt

Output Set: N:\CRF4\07162003\I368989.raw

## SEQUENCE LISTING

## 5 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Fred J. Stevens

7 Marianne Schiffer

8 Priscilla Wilkins-Stevens

9 W. Carey Hanly

10 Sandra L. Tollaksen

11 (ii) TITLE OF INVENTION: DEVICE FOR DETECTING MOLECULES, METHOD FOR  
12 DETECTING MOLECULES

13 (iii) NUMBER OF SEQUENCES: 5

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: CHERSKOV &amp; FLAYNIK

16 (B) STREET: 20 N. Wacker Drive

17 (C) CITY: Chicago

18 (D) STATE: Illinois

19 (E) COUNTRY: United States

20 (F) ZIP: 60606

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: compact disc

23 (B) COMPUTER: PC

24 (C) OPERATING SYSTEM: Microsoft Windows XP

25 (D) SOFTWARE: Wordperfect

26 (vi) CURRENT APPLICATION DATA:

C--&gt; 27 (A) APPLICATION NUMBER: US/09/368,989

C--&gt; 28 (B) FILING DATE: 05-Aug-1999

29 (viii) ATTORNEY/AGENT INFORMATION:

30 (A) NAME: Cherskov, Michael J.

31 (B) REGISTRATION NUMBER: 33,664

32 (C) REFERENCE/DOCKET NUMBER: 0003/00332

33 (ix) TELECOMMUNICATION INFORMATION:

34 (A) TELEPHONE: (312) 621-1330

35 (B) TELEFAX: (312) 621-0088

38 (2) INFORMATION FOR SEQ ID NO: 1:

39 (i) SEQUENCE CHARACTERISTICS:

40 (A) LENGTH: 111 amino acids

41 (B) TYPE: amino acid

42 (C) STRANDEDNESS: Single

43 (D) TOPOLOGY: linear

44 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

46 Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Pro

47 1 5 10 15

49 Gly Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Asn Leu Leu

50 20 25 30

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```

52   Asp Ala Ser Phe Asp Thr Asn Thr Leu Ala Trp Tyr Gln Gln Lys
53           35                      40                      45
55   Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Ser Arg
56           50                      55                      60
58   Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
59           65                      70                      75
61   Asp Phe Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr
62           80                      85                      90
64   Tyr Cys Gln Gln Tyr Tyr Ser Thr Pro Tyr Ser Phe Gly Gln Gly
65           95                      100                     105
67   Thr Lys Leu Glu Ile Lys
68           110

```

71 (2) INFORMATION FOR SEQ ID NO: 2

72 (i) SEQUENCE CHARACTERISTICS:

73 (A) LENGTH: 111 amino acids

74 (B) TYPE: amino acid

75 (C) STRANDEDNESS: Single

76 (D) TOPOLOGY: linear

77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

```

79   Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu
80   1           5                      10                      15
82   Gly Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu
83           20                      25                      30
85   Tyr Ser Ser Asn Ser Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys
86           35                      40                      45
88   Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg
89           50                      55                      60
91   Glu Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr
92           65                      70                      75
94   Asp Phe Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr
95           80                      85                      90
97   Tyr Cys Gln Gln Tyr Tyr Ser Thr Pro Tyr Ser Phe Gly Gln Gly
98           95                      100                     105
100  Thr Lys Leu Glu Ile Lys
101           110

```

104 (2) INFORMATION FOR SEQ ID NO: 3

105 (i) SEQUENCE CHARACTERISTICS:

106 (A) LENGTH: 111 amino acids

107 (B) TYPE: amino acid

108 (C) STRANDEDNESS: Single

109 (D) TOPOLOGY: linear

110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

```

112  Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu
113  1           5                      10                      15
115  Gly Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu
116           20                      25                      30
118  Tyr Ser Ser Asn Ser Thr Asn Tyr Leu Ala Trp Tyr Gln Gln Lys
119           35                      40                      45
121  Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg

```

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122		50		55		60
124	Glu Ser Gly Val	Pro Asp Arg Phe Ser	Gly Ser Gly Ser Gly Thr			
125		65		70		75
127	Asp Phe Thr Ile	Ser Ser Leu Gln Ala	Glu Asp Val Ala Val Tyr			
128		80		85		90
130	Tyr Cys Gln Gln	Tyr Tyr Ser Thr Pro	Tyr Ser Phe Gly Gln Gly			
131		95		100		105
133	Thr Lys Leu Glu	Ile Lys				
134		110				

## 137 (2) INFORMATION FOR SEQ ID NO: 4:

## 138 (i) SEQUENCE CHARACTERISTICS:

139 (A) LENGTH: 111 amino acids

140 (B) TYPE: amino acid

141 (C) STRANDEDNESS: Single

142 (D) TOPOLOGY: linear

## 143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

145	Asp Ile Val Met	Thr Gln Ser Pro Asp	Ser Leu Ala Val Ser Leu
146	1	5	10 15
148	Gly Glu Arg Ala	Thr Ile Asn Cys Lys	Ser Ser Gln Ser Val Leu
149		20	25 30
151	Tyr Ser Ser Asn	Ser Lys Asn Tyr Leu	Ala Trp Tyr Gln Glu Lys
152		35	40 45
154	Pro Gly Gln Pro	Pro Lys Leu Leu Ile	Tyr Trp Ala Ser Thr Arg
155		50	55 60
157	Glu Ser Gly Val	Pro Asp Arg Phe Ser	Gly Ser Gly Ser Gly Thr
158		65	70 75
160	Asp Phe Thr Ile	Ser Ser Leu Gln Ala	Glu Asp Val Ala Val Tyr
161		80	85 90
163	Tyr Cys Gln Gln	Tyr Tyr Ser Thr Pro	Tyr Ser Phe Gly Gln Gly
164		95	100 105
166	Thr Lys Leu Glu	Ile Lys	
167		110	

## 170 (2) INFORMATION FOR SEQ ID NO: 5:

## 171 (i) SEQUENCE CHARACTERISTICS:

172 (A) LENGTH: 111 amino acids

173 (B) TYPE: amino acid

174 (C) STRANDEDNESS: Single

175 (D) TOPOLOGY: linear

## 176 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

178	Asp Ile Val Met	Thr Gln Ser Pro Asp	Ser Leu Ala Val Ser Leu
179	1	5	10 15
181	Gly Glu Arg Ala	Thr Ile Asn Cys Lys	Ser Ser Gln Ser Val Leu
182		20	25 30
184	Tyr Ser Ser Asn	Ser Lys Asn Tyr Leu	Ala Trp Tyr Gln Gln Lys
185		35	40 45
187	Pro Gly Gln Pro	Pro Lys Leu Leu Ile	Tyr Trp Ala Ser Thr Arg
188		50	55 60
190	Glu Ser Gly Val	Pro Asp Arg Phe Ser	Gly Ser Gly Ser Gly Thr
191		65	70 75

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193	Asp	Phe	Thr	Ile	Ser	Ser	Leu	Gln	Ala	Glu	Asp	Val	Ala	Val	Tyr
194					80					85					90
196	Tyr	Cys	Leu	Gln	Tyr	Tyr	Ser	Thr	Pro	Tyr	Ser	Phe	Gly	Gln	Gly
197					95					100					105
199	Thr	Lys	Leu	Glu	Ile	Lys									
200					110										

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/368,989

DATE: 07/16/2003

TIME: 07:54:52

Input Set : N:\AMC\368,989 Sequence Diskette in ANSI.txt

Output Set: N:\CRF4\07162003\I368989.raw

L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]